



UrbanMoon

BPS791 GRN70/830 II DK CLO-DDF6 60P C10

URBANMOON, LED GreenLine 7000 lm, 830 warm white, Safety class II, Distribution wet road (DK), Luminaire surge protection level until 6 kV differential mode and 8 kV common mode, Cable 10 m without plug, Post-top for diameter 60 mm

For urban municipalities looking for lighting solutions that combine functional road lighting and beautiful design, UrbanMoon is the perfect solution. With our LEDgine platform ensuring the desired light distribution, all functional lighting requirements can be met. Visually, UrbanMoon blends in with the city’s architecture during the day – and at night the glow effect highlights its iconic design.

Product data

General Information	
Lamp family code	GRN70 [LED GreenLine 7000 lm]
Light source replaceable	Yes
Number of gear units	1 unit
Driver included	Yes
Remarks	*-Per Lighting Europe guidance paper “Evaluating performance of LED based luminaires - January 2018”: statistically there is no relevant difference in lumen maintenance between B50 and for example B10. Therefore, the median useful life (B50) value also represents the B10 value. * At extreme ambient temperatures the luminaire might automatically dim down to protect components
Light source engine type	LED

Product family code	BPS791 [URBANMOON]
Lighting Technology	LED
Flammability mark	For mounting on normally flammable surfaces
CE mark	Yes
ENEC mark	-
Warranty period	5 years
EU RoHS compliant	Yes

Light Technical	
Upward light output ratio	0
Luminous Flux	7,000 lm
Standard tilt angle posttop	0°
Standard tilt angle side entry	0°
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	92 lm/W
Color rendering index (CRI)	≥80

Light source color	830 warm white
Optical cover type	Flat glass
Luminaire light beam spread	180°
Optic type outdoor	Distribution wet road (DK)

Operating and Electrical

Input Voltage	220/240 V
Line Frequency	50 to 60 Hz
Initial CLO power consumption	60 W
Average CLO power consumption	66 W
End CLO power consumption	72 W
Inrush current	6 A
Inrush time	0.8 ms
Power Consumption	60 W
Power Factor (Fraction)	0.9
Connection	-
Cable	Cable 10 m without plug
Number of products on MCB of 16 A type 21 B	

Temperature

Ambient temperature range	-40 to +50 °C
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Controls and Dimming

Dimmable	No
Driver/power unit/transformer	Power supply unit with DynaDimmer and constant light output (integrated)
Control interface	-
Constant light output	Yes

Mechanical and Housing

Reflector material	-
Optic material	Acrylate
Optical cover material	Glass
Fixation material	Aluminum
Housing Color	Opal
Mounting device	Post-top for diameter 60 mm
Optical cover shape	Flat
Optical cover finish	Clear

Overall height	293 mm
Overall diameter	460 mm
Effective projected area	0.1 m²

Approval and Application

Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK08 [5 J vandal-protected]
Surge Protection (Common/Differential)	Luminaire surge protection level until 6 kV differential mode and 8 kV common mode
Protection class IEC	Safety class II

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-7%
Initial chromaticity	(0.434, 0.403) SDCM <5
Power consumption tolerance	+/-10%
Init. Color Rendering Index Tolerance	+/-2

Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life 100000 h	10 %
Lumen maintenance at median useful life* 100000 h	L100

Application Conditions

Performance ambient temperature Tq	25 °C
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Product Data

Order product name	BPS791 GRN70/830 II DK CLO-DDF6 60P C10
Full product name	BPS791 GRN70/830 II DK CLO-DDF6 60P C10
Full product code	871869685638300
Order code	919008630957
Material Nr. (12NC)	919008630957
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696856383
Numerator - Packs per outer box	1
EAN/UPC - Case	8718696856383

Dimensional drawing

